



To Photonics21 Secretariat  
via eMail: [secretariat@photonics21.org](mailto:secretariat@photonics21.org)

Dear Photonics21 Secretariat,

We herewith submit the nomination of the following Photonics21 Board of Stakeholders candidate  
AIXTRON SE / Michael Heuken.

**- Letter of Nomination -  
Photonics21 Board of Stakeholders  
Election 2025**

## Photonics21 Board of Stakeholders - Letter of Nomination

**1. Full legal name of the affiliation nominated as BoS Member (candidate's organisation):**

AIXTRON SE

**2. Full contact details of the affiliation (street, postal code, country) nominated as BoS Member and invoice address** *(In accordance with the Terms of Reference §5, which the Affiliation acknowledges having received, an Annual Service fee will be invoiced every year during the first quarter to the BoS Member. By signing the present letter, the BoS candidate agrees to pay this Membership Fee. The Fee will be considered an asset of the Photonics 21 AISBL in accordance with its statutes (article 12b).)*

Dornkaulstrasse 2  
52134 Herzogenrath  
Germany

**3. Name of the suggested BoS Representative (the personal candidate)**

Prof. Dr.-Ing. Michael Heuken

**4. Information about the BoS candidate and the BoS representative**

**a)** Description of the activities and information about the expected contribution and value added the nominated BoS member (candidate's organisation) will bring to the BoS<sup>1</sup>

AIXTRON SE was founded in 1983 and is headquartered in Herzogenrath (near Aachen), Germany, with subsidiaries and sales offices in Asia, United States and in Europe. The Company is a leading provider of deposition equipment to the semiconductor industry. AIXTRON's technology solutions are used by a diverse range of customers worldwide to build advanced components for electronic and opto-electronic applications based on compound or organic semiconductor materials. Such components are used in a broad range of innovative applications, technologies and industries. These include LED applications, display technologies, data storage, data transmission, energy management and conversion, communication, signaling and lighting as well as a range of other leading-edge technologies.

For further information on AIXTRON please visit our website at: [www.aixtron.com](http://www.aixtron.com).

**b)** Description of the activities and information about expected contribution and value added the BoS Representative (candidate / person) will bring to the BoS.

Prof. Dr. Michael Heuken, born on November 17, 1961, received the Diplom Ingenieur degree/Dr. Ing. degree in Electrical Engineering from Duisburg University in 1985/1989, joined the Institut für Halbleitertechnik/RWTH Aachen as senior engineer and has been working in

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<sup>1</sup> The candidate is aware and accepts that according to the Photonics21 Terms of Reference (§ 5 (10) a membership fee - as determined by the General Assembly of the Association - needs to be paid to the Photonics21 association.

## **Photonics21 Board of Stakeholders - Letter of Nomination**

the field of metalorganic vapor phase epitaxy for electronic and optoelectronic devices. In 1994 he finished his Habilitation in semiconductor technology and devices with a thesis on MOCVD technology for optoelectronic devices. Since then he has been lecturer for semiconductor technology and devices as well as circuits for communication systems at RWTH. In 1997 he joined AIXTRON SE in Aachen/Germany, is now Vice President Corporate R&D. In 1999 he was honored as Professor at RWTH Aachen University. His main experience is in the fields of semiconductor growth by MOVPE, Nanotechnology, electronic and optoelectronic devices and circuits. Prof. Heuken is author/co-author of more than 650 publications in international journals and several invited papers at international conferences. He acts as referee for international journals, and has been granted several patents in the field of semiconductor technology.

His contribution in discussions and workgroups will be based on in his experience in the field of photonics combining the industrial background and scientific understanding. Since the early days of Photonics21 he served as active member of the BoS and he contributed actively to many achievements of Ph21.